

# CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 12-JUN-12	F.R. # 1001915339	SERV. SUPV. BARLEN M JOYNER		
LEASE & WELL NAME GREAT WESTERN #27-14 - API 05123243130000		LOCATION 27-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Long String		
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	
Ret Brdg Plug, 4001 - 5000 ft	No Shoe					
BRIDGE PLUG						
MATERIALS FURNISHED BY BJ		PHYSICAL SLURRY PROPERTIES				
		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
ClayCare Water			0	8.34	0	
Class G			40	15.8	1.15	
ClayCare Water			0	8.34	0	
PL+.6%SMS+8#/skCSE2			463	11	3.22	
Available Mix Water 500 Bbl.		Available Displ. Fluid 175 Bbl.		TOTAL 301.70 223.95		
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE
9	0	4500	4	4.5	11.6	CSG
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID	OD	WGT.	TYPE	MD	TVD	WELL FLUID
8.1	8.63	24	CSG	441	441	BRIDGE PLUG
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
18	BBLs	ClayCare Water	8.34	0	0	0
Circulation Prior to Job		Circulation Time: 0		Circulation Rate: 0 BPM		
Mud Density In: 8.4 LBS/GAL		Mud Density Out: 8.4 LBS/GAL		PV & YP Mud In: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		
Displacement And Mud Removal						
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 0 BBLs				
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: VISUAL				
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE		UNABLE DUE TO STUCK PIPE				
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Plugs						
Number of Attempts by BJ: 0		Competition: 0				
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
		Top of Plug: 0 FT		Bottom of Plug: 0 FT		
Squeezes (Update Original Treatment Report for Primary Job)						
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		
Casing Test (Update Original Treatment Report for Primary Job)						
Casing Test Pressure: 0 PSI		With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE						
PRESSURE/RATE DETAIL			EXPLANATION			

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT  
 Number of Times Tests Conducted: 0  
 Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Mud Weight When Test was Conducted: 0 LBS/GAL

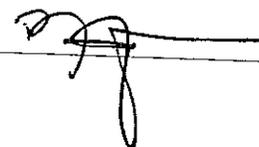
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NONE

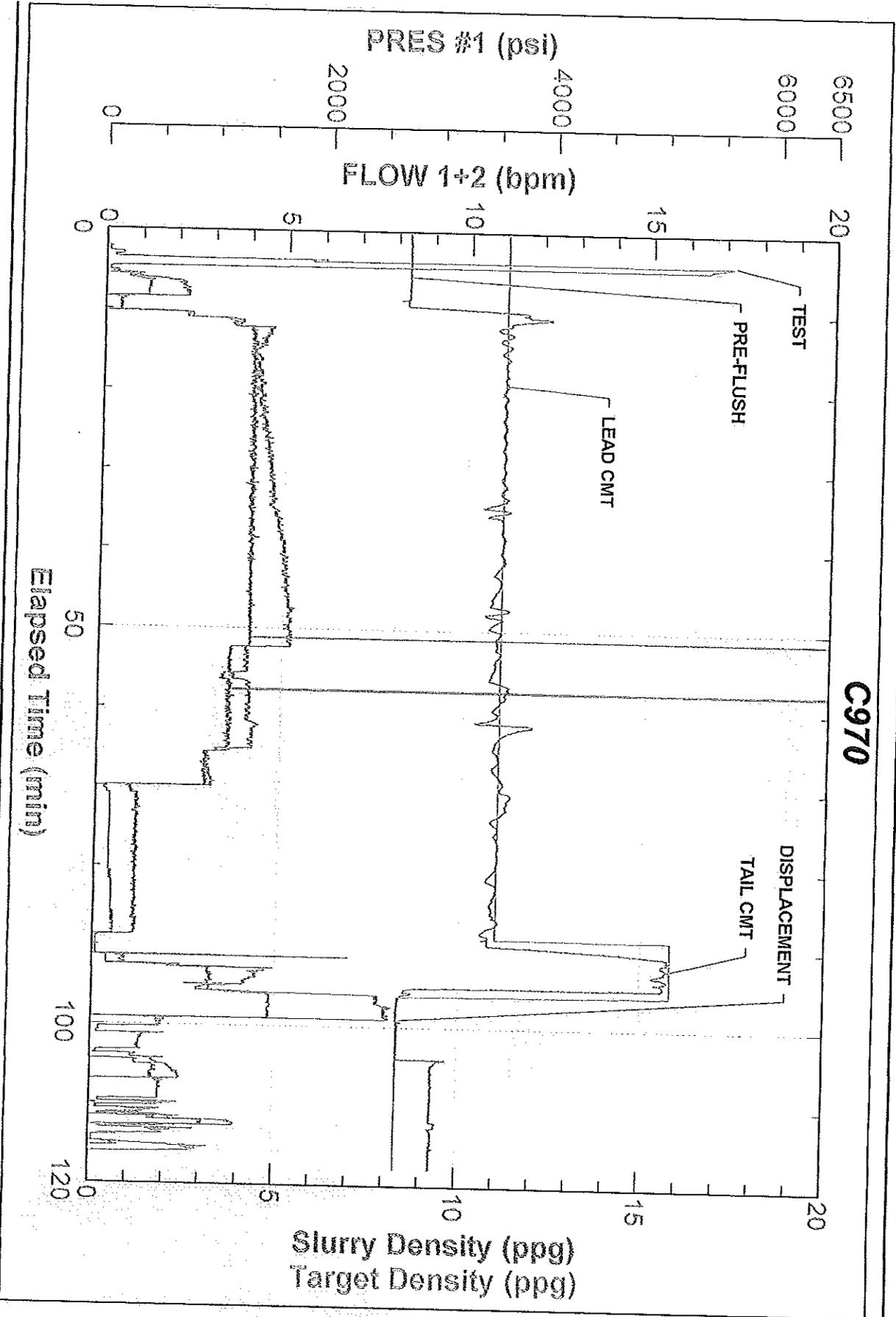
### PRESSURE/RATE DETAIL

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> TEST LINES 5502 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:30	0	0	0	0	N/A	YARD CALL
06:50	0	0	0	0	N/A	ARRIVE ON LOCATION (35 MILES) NO ONE ON LOCATION
06:55	0	0	0	0	N/A	SPOT TRUCKS
07:12	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING
08:45	0	0	0	0	N/A	SAFETY MEETING
09:11	5502	0	0	0	WATER	PRESSURE TEST
09:16	402	0	2.1	10	WATER	CLAYCARE SPACER
09:20	1432	0	4.1	261	CMT	BATCH UP, WEIGH AND PUMP 463 SX OF PLC + 4% BENTONITE + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11 PPG
10:39	1533	0	3.2	8	CMT	BATCH UP, WEIGH AND PUMP 40 SX OF CLASS G @ 15.8
10:45	2538	0	4.8	18	WATER	START DISPLACEMENT
11:10	0	0	0	0	N/A	JOB DONE
11:20	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING
12:00	0	0	0	0	N/A	TIME OFF LOCATION

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 5	TOTAL BBL. PUMPED 297	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature: 
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BJ Services JobMaster Program Version 3.50  
Job Number: 1001915339  
Customer: Great Western  
Well Name: GreatWestern 27-14



BJ Services

Job Start: Tuesday, June 12, 2012

FIELD RECEIPT NO. 1001915339



CUSTOMER

GREAT WESTERN OIL & GAS

CREDIT APPROVAL NO.

PURCHASE ORDER NO.

CUSTOMER NUMBER  
20013943 - 00229266

INVOICE NUMBER

MAIL

STREET OR BOX NUMBER  
503 MAIN ST

CITY  
Windsor

STATE  
Colorado

ZIP CODE  
80550

DATE WORK COMPLETED

MO. DAY YEAR  
06 12 2012

BHI REPRESENTATIVE  
BARLEN M JOYNER

WELL API NO:  
05123243130000

WELL TYPE:  
New Well

DISTRICT

BJS, BRIGHTON

JOB DEPTH (ft)  
4,498

WELL CLASS:  
Gas

WELL NAME AND NUMBER

GREAT WESTERN #27-14

TD WELL DEPTH (ft)  
4,500

GAS USED ON JOB:  
No Gas

WELL LOCATION :

LEGAL DESCRIPTION  
27-6N-67W

COUNTY/PARISH  
Weld

STATE  
Colorado

JOB TYPE CODE:  
Long String

PRODUCT CODE

DESCRIPTION

UNIT OF MEASURE

QUANTITY

LIST PRICE UNIT

GROSS AMOUNT

% DISC.

NET AMOUNT

100021 Class G Cement

sacks 40

100120 Bentonite

lbs 1611

398224 Sodium Metasilicate  
Premium Lite Cement

lbs 242

488019 FP-6L

CSE-2

sacks 463

488353 Granulated Sugar

lbs 3704

499632 ClayCare, Clay Treat-2C, 260 gl tote

gals 50

499702

SUB-TOTAL FOR Product Material

Personnel Per Diem Chrg - Cement Svc

Bulk Materials Blending Charge

SUB-TOTAL FOR Service Charges

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	06	12	2012	06:50

CUSTOMER REP. Shawn Armstrong

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT

BHI APPROVED

FIELD RECEIPT NO. 1001915339



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL INVOICE TO :		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO.	WELL DEPTH (ft)	WELL CLASS :	WELL TYPE :		
DISTRICT		06	12	2012	BARLEN M JOYNER	05123243130000	4,498	Gas	New Well		
WELL NAME AND NUMBER		GREAT WESTERN #27-14		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :	
WELL LOCATION :		27-6N-67W		Weld		Colorado		No Gas		Long String	
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
F061A	Cement Pumping, 4001 - 5000 ft	Shrs	1								
F090	Fuel per pump charge - cement	pump/hr	4								
J050	Cement Head	job	1								
J225	Data Acquisition, Cement, Standard	job	1								
J390	Mileage, Heavy Vehicle	miles	70								
J391	Mileage, Auto, Pick-Up or Treating Van	miles	70								
K392	Squeeze Manifold, Ground	day	1								
J401	Bulk Delivery, Dry Products	ton-mi	869								
SUB-TOTAL FOR Equipment											
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
ARRIVE LOCATION :	MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.						
CUSTOMER REP.	06	12	2012	06:50	CUSTOMER AUTHORIZED AGENT						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.						
Shawn Armstrong					CUSTOMER AUTHORIZED AGENT						
CUSTOMER AUTHORIZED AGENT					BHI APPROVED						